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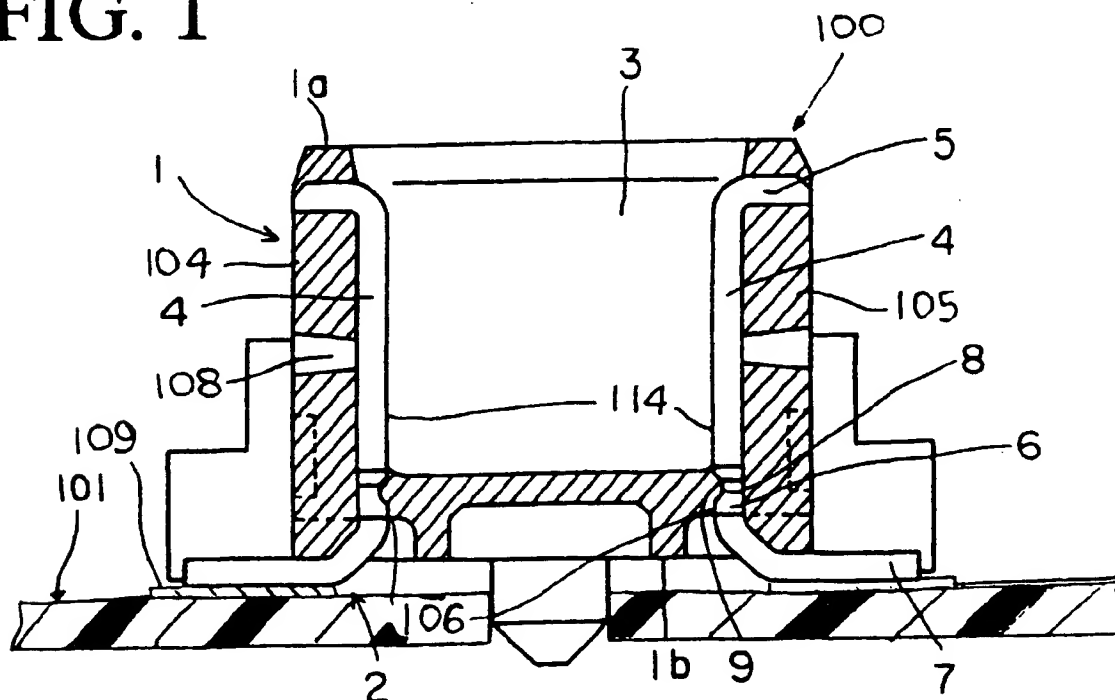
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(54) Anti-wicking board to board connector

(57) A connector (100) is provided with anti-wicking capabilities which substantially prevents the contamination of interior contact portions (4,4') of the connector terminals (2,2') by solder and flux wicking up along the terminals through openings (106,106') in the housing of

the connector (100). A surface interruption (8,8') such as a groove or ridge (8,8') is provided in the terminal connecting portions (6,6') which provides a tortuous path between the solder tail (7,7') and contact portions (4,4') of the terminal (2,2').

FIG. 1



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EUROPEAN SEARCH REPORT

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| DOCUMENTS CONSIDERED TO BE RELEVANT | | | |
|---|--|---|---|
| Category | Citation of document with indication, where appropriate, of relevant passages | Relevant to claim | CLASSIFICATION OF THE APPLICATION (Int.Cl.6) |
| X | US 5 074 039 A (HILLBISH WARREN C ET AL) 24 December 1991 * the whole document * | 1-16, 20 | H01R23/72 H01R4/02 H01R43/02 |
| X | US 5 108 317 A (BEINHAUR ERNEST L ET AL) 28 April 1992 * column 3, line 4 - column 5, line 3; figures 1-8 * | 1-5, 9-11, 15, 16, 20 | |
| X | EP 0 596 338 A (MOLEX INC) 11 May 1994 * column 3, line 40 - column 5, line 56; figures 1-6 * | 1-7, 9-11, 15, 16 | |
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| X | US 4 274 700 A (KEGLEWITSCH JOSEF ET AL) 23 June 1981 * abstract; figures 1-7 * * column 3, line 35 - column 4, line 38 * * column 6, line 33-59 * * column 7, line 35-47 * | 1-3, 5, 9-11, 14-16 | |
| The present search report has been drawn up for all claims | | | TECHNICAL FIELDS SEARCHED (Int.Cl.6) H01R |
| Place of search THE HAGUE | | Date of completion of the search 12 February 1998 | Examiner Schaap, E |
| CATEGORY OF CITED DOCUMENTS T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date O : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document | | | |

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